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	UTILITY	A	ttorney D	ocket No.	44629		9
PATENT	APPLICATION	Fi	irst Inven	tor	Sang-Uk	Seo	വ
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	ATION ELEMENTS		ADDRE	ESS TO:		sioner for ent Applica	
	cerning utility patent application conte	nts.				gton, DC 2	20231
1. L (Submit an original and a	Form (e.g., PTO/SB/17) suplicate for fee processing) small entity status.		8. Nucleot	CD-ROM or C Computer Pro ide and/or An icable, all nec	gram ( <i>App</i> nino Acid S	endix)	
3. Specification (preferred arrangement)	[Total Pages   15   ]		a. []	Computer R	• •	orm (CRF)	
- Descriptive title	e of the invention		b. Spec	cification Seq	uence Listi	ing on:	
	ce to Related Applications parding Fed sponsored R & D		i	. CD-F	ROM or CD	)-R (2 copi	ies); or
- Reference to s	equence listing, a table,		i	i. Dape		` '	,,
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- Brief Summary	of the Invention			<u>'</u>			ON PARTS
- Brief Description - Detailed Description	on of the Drawings ( <i>if filed</i> ) iotion				-		& document(s))
- Claim(s) - Abstract of the	•		10.	37 CFR 3.73 (when there	(b) Statem	ent [	Power of Attorney
4 Drawing(s) (35 L	J.S.C. 113) Total Sheets 4	] 1	11.	English Tran	_	-	-
5. Oath or Declaration	[ Total Pages 2	ī . Ī i	12.	Information I Statement (II		1440 [	Copies of IDS Citations
a. Newly exec	uted (original or copy)	, -	13.	Preliminary A			
Copy from a	a prior application (37 CFR 1.63 (d)) ation/divisional with Box 18 completed	)	14.	Return Rece			503)
i. DELET	ION OF INVENTOR(S)		15.	Certified Cop			ent(s)
named in	atement attached deleting inventor(s) the prior application, see 37 CFR		16.	Request and	Certification	on under	35 U.S.C. 122
	and 1.33(b).			(b)(2)(B)(i). A or its equival		nust attach	form PTO/SB/35
6 Application Data	Sheet. See 37 CFR 1.76		17.	Other:	····		
	ICATION, check appropriate box, and	supply th	ne requisite	information b	elow and i	in a prelim	inary amendment,
or in an Application Data She	eet under 37 CFR 1.76:  Divisional Continuation-in-part (	CID)	of min	or application No.:	,		
Prior application information:	Examiner	J., ,	or pric	application No			<del></del>
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City	Washington	Sta	ate D.C	o	Z	Zip Code	20036
Country	USA	Telepho	one (202	9) 659-9076		Fax	(202) 659-9344
Name (Print/Type)	Peter J. Kendall		Registra	tion No. (Att	orney/Age	ent) 46,2	46
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August 6, 2003

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## FEE TRANSMITTAL for FY 2003

Effective 01/01/2003. Patent fees are subject to annual revision.

Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT

/A	790.	$\Delta$
141	/90	1111

Complete if Known		
Application Number		
Filing Date	August 6, 2003	
First Named Inventor	Sang-Uk Seo	
Examiner Name		
Art Unit		
Attorney Docket No.	44629	

Attorney Bocket No. 144020				
METHOD OF PAYMENT (check all that apply) FEE CALCULATION (continued)				
Check Credit card Money Other None 3. ADDITIONAL FEES				
Deposit Account:	Large Entity Small Entity			
Deposit Account 18-2220	Fee Fee Fee Fee Fee Description  Code (\$) Fee	Paid		
Account 18-2220 Number	1051 130 2051 65 Surcharge - late filing fee or oath			
Deposit Account Name	1052 50 2052 25 Surcharge - late provisional filing fee or cover sheet	]		
The Commissioner is authorized to: (check all that apply)	1053 130 1053 130 Non-English specification			
Charge fee(s) indicated below Credit any overpayments				
Charge any additional fee(s) during the pendency of this application	ion 1804 920* 1804 920* Requesting publication of SIR prior to			
Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.	1805 1,840* 1805 1,840* Requesting publication of SIR after Examiner action			
FEE CALCULATION	1251 110 2251 55 Extension for reply within first month	ĺ		
1. BASIC FILING FEE	1252 410 2252 205 Extension for reply within second month			
Large Entity Small Entity	1253 930 2253 465 Extension for reply within third month			
Fee Fee Fee Fee Paid Code (\$) Code (\$)	1254 1,450 2254 725 Extension for reply within fourth month			
1004 750 12004 275 11664 6644 664	1255 1,970 2255 985 Extension for reply within fifth month			
1001 750 2001 375 Unity ming fee 750.00	1401 320 2401 160 Notice of Appeal			
1003 520 2003 260 Plant filing fee	1402 320 2402 160 Filing a brief in support of an appeal			
1004 750 2004 375 Reissue filing fee	1403 280 2403 140 Request for oral hearing			
1005 160 2005 80 Provisional filing fee	1451 1,510 1451 1,510 Petition to institute a public use proceeding			
SUBTOTAL (1) (\$) 750.00	1452 110 2452 55 Petition to revive - unavoidable			
	1453 1,300 2453 650 Petition to revive - unintentional			
2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE Fee from	1501 1,500 2501 650 Utility Issue fee (or reissue)			
Extra Claims below Fee Paid  Total Claims 16 -20** = 0 x	1502 470 2502 235 Design issue fee			
Independent ET TELL	1503 630 2503 315 Plant issue fee			
Claims 2 - 3** = 0 X = = Multiple Dependent	1460 130 1460 130 Petitions to the Commissioner			
	1807 50 1807 50 Processing fee under 37 CFR 1.17(q)			
Large Entity   Small Entity   Fee Fee   Fee Fee Fee Description	1806 180 1806 180 Submission of Information Disclosure Stmt			
Code (\$) Code (\$)	8021 40 8021 40 Recording each patent assignment per property (times number of properties) 40.0	00		
1202 18 2202 9 Claims in excess of 20 1201 84 2201 42 Independent claims in excess of 3	1809 750 2809 375 Filing a submission after final rejection (37 CFR 1.129(a))			
1203 280 2203 140 Multiple dependent claim, if not paid	1810 750 2810 375 For each additional invention to be			
1204 84 2204 42 ** Reissue independent claims over original patent	examined (37 CFR 1.129(b))			
1205 18 2205 9 ** Reissue claims in excess of 20	1801 750 2801 375 Request for Continued Examination (RCE) 1802 900 1802 900 Request for expedited examination			
and over original patent	of a design application			
SUBTOTAL (2) (\$) 0.00	Other fee (specify)			
**or number previously paid, if greater; For Reissues, see above	*Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$) 40.00	]		
SUBMITTED BY (Complete (if applicable)				
Name (Print/Type) Peter L. Kendall Registration No. 46,246 Telephone 202-659-9076				

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